layers.

ADVANTAGE - Dry, nano-porous dielectrics which do not collapse on formation, are obtained (claimed). Intermediate steps using surface modification (claimed) or supercritical drying to prevent pore collapse, as in prior art, are not required for the production of both bulk and thi film aerogels. Nano-porous dielectrics can be formed at room temperature and atmospheric pressure. Thus the process is more simple and cost effective than prior art methods. Resulting porosities can be adjusted to suit the end application.

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L19 ANSWER 4 OF 5 WPIDS (C) 2002 THOMSON DERWENT FAMILY 1

AN 1997-283054 [26] WPIDS

CR 1996-041860 [05]; 1998-520099 [44]; 1999-059248 [05]; 2002-328094 [01]

DNN N1997-234375 DNC C1997-091119

TI Low volatility nanoporous aerogel precursor sol containing polyol as solvent - eliminates need for supercritical drying in the manufacture of bulk and thin film aerogels.

DC E36 L02 L03 P42 U11

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PA (TEXI) TEXAS INSTR INC

CYC 9

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